

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John Hines, Piyush Jain and Stefan Kotes
Assignee: Tumbleweed Communications Corp.
Title: METHOD AND SYSTEM FOR ENABLING PKI IN A BANDWIDTH
RESTRICTED ENVIRONMENT
Application No.: 10/726,841 Filed: December 2, 2003
Examiner: Carlton Johnson Group Art Unit: 2136
Atty. Docket No.: 127-0013 (formerly Conf. No.: 5556
TUMB-112)

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(INCLUDING REVOCATION OF PRIOR POWERS)**

Dear Sir:

Assignee of record of the entire interest of the above-identified application hereby
revokes all powers of attorney previously given and appoints the following attorney(s) and/or
agent(s) to prosecute this application and to transact all business in the United States Patent and
Trademark Office connected therewith:

Registered Patent Practitioners associated with Customer Number

50854

(Zagorin O'Brien Graham LLP / Tumbleweed Communications Corp.)

CORRESPONDENCE ADDRESS

Please direct all correspondence concerning this application according to the USPTO Customer Number, if provided below, or otherwise to the individual and/or firm named below:

Customer Number

22120

(Zagorin O'Brien Graham LLP)


STATEMENT UNDER 37 CFR § 3.73(b) ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

The assignee, Tumbleweed Communications Corp., seeks to take action in the above-identified patent application. Chain of title from the inventors of the above-identified patent application to the assignee is as follows:

- An assignment from John Hines, Piyush Jain and Stefan Kotes to Tumbleweed Communications Corporation is recorded in the Patent and Trademark Office at Reel 019271/Frame 0212.

The undersigned, whose title is given below, is authorized to act on behalf of the assignee.

MAY 16, 2007
Date


James J. MacDonald
Vice President & Deputy General Counsel